

**ATTACHMENT B**

**SUMMARY OF GROUND WATER MONITORING DATA**

**(2003 TO 2004)**

**CHELSEA SANDWICH, LLC**

**NPDES PERMIT NO. MA0003280**

**GeoLabs, Inc.**  
*Environmental Laboratories*

**LABORATORY REPORT**

**PREPARED FOR:**

Chelsea Terminal  
11 Broadway  
Chelsea, MA 02150

**Attn: Ashwin Patel**

**PROJECT ID:** Remedial Systems  
Chelsea, MA

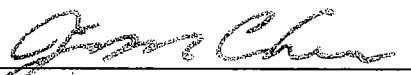
**GEOLABS CERTIFICATION #:** M-MA015

**SAMPLE NUMBER:** 149649

**DATE PREPARED:** June 4, 2004

**PREPARED BY:** Christine Johnson

**APPROVED BY:**

  
\_\_\_\_\_  
Jim Chen, Laboratory Director

**GeoLabs, Inc.**  
**Environmental Laboratories**

CLIENT NAME:	<b>CHELSEA TERMINAL</b>	PROJECT ID:	REMEDIAL SYSTEMS
SAMPLE TYPE:	GROUNDWATER	REPORT DATE:	06/04/04
COLLECTION DATE:	05/28/04	ANALYZED BY:	CL
REC'D BY LAB:	06/01/04	ANALYSIS DATE:	06/02/04
COLLECTED BY:	CLIENT	EXTRACTION DATE:	06/01/04
PRESERVATIVE:	SULFURIC ACID		

**TOTAL PETROLEUM HYDROCARBONS**

<b>SAMPLE NUMBER</b>	<b>SAMPLE LOCATION</b>	<b>TPH (mg/L)</b>	<b>DETECTION LIMIT (mg/L)</b>
--------------------------	----------------------------	-----------------------	-----------------------------------

149649	REMEDIAL SYSTEMS	ND	0.20
--------	------------------	----	------

ND = NOT DETECTED

**Method Reference:**

EPA Method            8100 (1)    Modified

1) U.S. EPA Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 1986, 3rd Edition.

**GeoLabs, Inc.**  
**Environmental Laboratories**

CLIENT NAME:	CHELSEA TERMINAL	PROJECT ID:	REMEDIAL SYSTEMS
SAMPLE TYPE:	GROUNDWATER	REPORT DATE:	06/04/04
COLLECTION DATE:	05/28/04	ANALYZED BY:	ZYZ
REC'D BY LAB:	06/01/04	ANALYSIS DATE:	06/03/04
COLLECTED BY:	CLIENT	EXTRACTION DATE:	N/A
PRESERVATIVE:	HYDROCHLORIC ACID		

**VOLATILE AROMATIC COMPOUNDS**

<b>SAMPLE NUMBER:</b>	149649
<b>SAMPLE LOCATION:</b>	REMEDIAL SYSTEMS

	<b>RESULTS</b> (µg/L)	<b>DETECTION LIMIT</b> (µg/L)
Naphthalene	ND	20.0
Methyl tert-butyl ether	ND	5.00
Benzene	ND	5.00
Toluene	ND	5.00
Chlorobenzene	ND	5.00
Ethylbenzene	ND	5.00
Xylenes	ND	5.00
1,2-Dichlorobenzene	ND	5.00
1,3-Dichlorobenzene	ND	5.00
1,4-Dichlorobenzene	ND	5.00
<b>Surrogate Recoveries:</b>		
dibromofluoromethane	102%	
1,2-Dichloroethane	90%	
toluene-d8	101%	
BFB	96%	

ND = NOT DETECTED

**Method Reference:**

EPA Method 602 by 624 (1) GC/MS

1) Code of Federal Regulations 40 CFR, Parts 100-149, 1993.

**GeoLabs, Inc.**  
**Environmental Laboratories**

CLIENT NAME:	CHELSEA TERMINAL	PROJECT ID:	REMEDIAL SYSTEMS
SAMPLE TYPE:	GROUNDWATER	REPORT DATE:	06/04/04
COLLECTION DATE:	05/28/04	ANALYZED BY:	rd
REC'D BY LAB:	06/01/04	ANALYSIS DATE:	06/01/04
COLLECTED BY:	CLIENT	EXTRACTION DATE:	06/01/04
PRESERVATIVE:	N/A		

---

**POLYNUCLEAR AROMATIC HYDROCARBONS**

---

<b>SAMPLE NUMBER:</b>	149649
<b>SAMPLE LOCATION:</b>	REMEDIAL SYSTEMS

---

	<b>RESULTS</b> (µg/L)	<b>DETECTION LIMIT</b> (µg/L)
Naphthalene	ND	0.750
2-Methylnaphthalene	ND	0.750
Acenaphthylene	ND	0.250
Acenaphthene	ND	0.500
Fluorene	ND	0.500
Phenanthrene	ND	0.500
Anthracene	ND	0.500
Fluoranthene	ND	0.500
Pyrene	ND	1.25
Benz[a]Anthracene	ND	0.500
Chrysene	ND	0.500
Benzo[b]Fluoranthene	ND	0.500
Benzo[k]Fluoranthene	ND	1.00
Benzo[a]Pyrene	ND	0.200
Indeno[1,2,3-Cd]Pyrene	ND	0.500
Dibenzo[a,h]Anthracene	ND	0.500
Benzo[g,h,i]Perylene	ND	1.00

ND = NOT DETECTED

---

**Method Reference:**

EPA Method                      8270C (1)

1) U.S. EPA Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 1998 3rd Edition.

**GEOLABS, INC.  
45 JOHNSON LANE  
BRAINTREE, MA 02184  
M-MA015**

**LIMITATIONS & EXCLUSIONS**

All the professional opinions presented in this report are based solely on the scope of work conducted and sources referred to in our report. The data presented by GeoLabs in this report was collected and analyzed using generally accepted industry methods and practices at the time the report was generated. This report represents the conditions, locations and materials that were observed at the time the work was conducted. No inferences regarding other conditions, locations or materials, at a later or earlier time may be made based on the contents of the report. No other warranty, express or implied is made.

This report was prepared for the sole use of our client. Portions of the report may not be used independent of the entire report.

All analyses were performed within required holding times, in accordance with EPA protocols and using accepted QA/QC procedures. All QA/QC meets acceptable limits unless otherwise noted. The information contained in this report is, to the best of my knowledge, accurate and complete.

Any and all subsequent pages of this report are chain(s) of custody.

# GeoLabs, Inc.

Environmental Laboratories

45 Johnson Lane

Braintree, MA 02184

Phone: 781-848-7844

Fax: 781-848-7811

## Turnaround Time

RUSH:

24hrs

48hrs

72hrs

STANDARD

5 Days

Rush

Approved By: \_\_\_\_\_

Page \_\_\_\_ of \_\_\_\_

## SPECIAL INSTRUCTIONS

Pl. attach QA/QC info to the report - FIRM file etc

Client: CHELSEA TERMINAL

Address: 11 BROADWAY  
CHELSEA MA 02150

Phone: 617 660 1117

Fax: 617 660 1140

Contact: ASHWIN PATEL

E-mail: \_\_\_\_\_

Project Number: GW/Soil Remedial Sys

Project Location: CHELSEA MA

Purchase Order #: Verbal

Collected By: AP

see analyzer

## ANALYSES REQUESTED

SAMPLE ID	COLLECTION			SAMPLE LOCATION	CONTAINER			COMP	GRAB	PRES	GEOLABS SAMPLE NUMBER	BTEX	MTSE	TPH (Total)	PAH's	Naphthenes	TEMPERATURE	LAB PH
	DATE	TIME	SAMPLED BY		TYPE	QUANT	MATRIX											
552804/VOC	5/28/04	9:00	AP	Remedial Sys. Exp	V	2	GW		✓		149649	✓	✓					
552804/TPH	5/28/04	9:00	AP	Remedial Sys	A	2	GW		✓					✓				
552804/PAH's	5/28/04	9:00	AP	" "	A	2	GW		✓						✓	✓		

## CONTAINER CODES:

A = Amber

B = Bag

G = Glass

P = Plastic

S = Summa Canister

O = Other V = VOA

## MATRIX CODES:

GW = Ground Water

WW = Wastewater

DW = Drinking Water

SL = Sludge

S = Soil A = Air

O = Oil OT = Other

## PRESERVATIVE CODES:

1 = HCl 7 = ICE

2 = HNO<sub>3</sub>

3 = H<sub>2</sub>SO<sub>4</sub>

4 = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

5 = NaOH

6 = MeOH

Relinquished By: [Signature] Date/Time: 6-1-04 10:30

Relinquished By: 6-1-04

[Signature] 12:45

Relinquished By: \_\_\_\_\_

Received By: [Signature] Date/Time: 6/1/04

Received By: [Signature] 10:30

Received By GeoLabs: [Signature]

S. Burre 6-1-04

GEOLABS CHAIN OF CUSTODY